

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                              |   |                                      |   |
|------------------------------|---|--------------------------------------|---|
| In Re the Application of:    | ) | DIMENSIONS"                          | ) |
|                              | ) |                                      |   |
| ROCKWOOD et al.              | ) | Prior Group Art Unit: 2671           |   |
|                              | ) |                                      |   |
| Serial No.: Not Yet Assigned | ) | Prior Examiner: Lance W. Sealey      |   |
|                              | ) |                                      |   |
| Filed: Herewith              | ) | <b><u>INFORMATION DISCLOSURE</u></b> |   |
|                              | ) | <b><u>STATEMENT</u></b>              |   |
| Atty. File No.: 3404-2-1     | ) |                                      |   |
|                              | ) |                                      |   |
| For "COMPUTATIONAL GEOMETRY  | ) | Express Mail Label: EV 331286156 US  |   |
| USING CONTROL GEOMETRY       | ) |                                      |   |
| HAVING AT LEAST TWO          | ) |                                      |   |
| DIMENSIONS"                  | ) |                                      |   |

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

Copies of the cited references:

☒ Enclosed herewith are two references which are labeled with an asterisk. All other references are not enclosed.

☒ Are not enclosed, in accordance with 37 C.F.R. 1.98(d), because the references were submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/360,029 filed July 23, 1999, which is relied upon for an earlier filing date under 35 U.S.C. § 120

☐ To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English abstracts and in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☒ Examiner's attention is drawn to the following co-pending applications, copies of which have been or are being submitted:

Serial No. 09/360,029 filed July 23, 1999

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no

better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

### FEES

|                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <p><b>37 CFR 1.97(b):</b> No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfies one of the following conditions ("X" indicates satisfaction):</p> <p><input checked="" type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or</p> <p><input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or</p> <p><input type="checkbox"/> Before the mailing date of a first Office Action on the merits, or</p> <p><input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p> |
| <input type="checkbox"/>            | <p><b>37 CFR 1.97(c):</b> The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <p>(1) a final action under 37 C.F.R. 1.113 or</p> <p>(2) a notice of allowance under 37 C.F.R. 1.311, or</p> <p>(3) an action that otherwise closes prosecution in the application.</p> <p>This Information Disclosure Statement is accompanied by:</p> <p><input type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p> <p>OR</p> <p><input type="checkbox"/> A check in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970.</p>         |
| <input type="checkbox"/>            | <p><b>37 CFR 1.97(d):</b> This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <p><input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e)</p> <p>AND</p> <p><input type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Enclosed is the fee in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.</p>   |

**Certification (37 C.F.R. 1.97(e))**  
(Applicable only if checked)

☐ The undersigned certifies that:

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS, P.C.

By: 

Dennis J. Dupray  
Registration No. 48,299  
1560 Broadway, Suite 1200  
Denver, CO 80202-5141  
TELEPHONE: 303-863-2975  
FAX: 303-863-0223

Date: 

J:\3404\2\1\ProIDS-01.wpd

|   |                              |                                |
|---|------------------------------|--------------------------------|
| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|   | APPLICANT<br>ROCKWOOD et al. |                                |
|   | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE       | NAME            | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROP. |
|----------------------|----|--------------------|------------|-----------------|-------|--------------|---------------------------|
|                      | 1  | 6,369,815*         | 4/9/02     | Celniker et al. | 345   | 420          |                           |
|                      | 2  | 6,256,038*         | 7/3/01     | Krishnamurthy   | 345   | 419          |                           |
|                      | 3  | 6,133,922          | 10/17/2000 | Opitz           | 345   | 420          |                           |
|                      | 4  | 5,966,133          | 10/12/1999 | Hoppe           | 345   | 420          |                           |
|                      | 5  | 5,963,209          | 10/5/1999  | Hoppe           | 345   | 419          |                           |
|                      | 6  | 5,856,828          | 6/5/1999   | Letcher, Jr.    | 345   | 420          |                           |
|                      | 7  | 5,745,666          | 4/28/1998  | Gilley et al.   | 395   | 128          |                           |
|                      | 8  | 5,636,338          | 6/3/1997   | Moreton         | 395   | 142          |                           |
|                      | 9  | 5,237,647          | 8/17/1993  | Roberts et al.  | 395   | 119          |                           |
|                      | 10 | 5,818,452          | 10/06/98   | Atkinson et al. | 345   | 420          |                           |
|                      | 11 | 5,748,192          | 05/05/98   | Lindholm        | 345   | 425          |                           |
|                      | 12 | 5,731,816          | 03/24/98   | Stewart et al.  | 345   | 419          |                           |
|                      | 13 | 5,636,338          | 06/03/97   | Moreton         | 395   | 142          |                           |
|                      | 14 | 5,619,625          | 04/08/97   | Konno et al.    | 395   | 119          |                           |
|                      | 15 | 5,608,856          | 03/04/97   | McInally        | 395   | 142          |                           |
|                      | 16 | 5,579,464          | 11/26/96   | Saito et al.    | 395   | 141          |                           |
|                      | 17 | 5,557,719          | 09/17/96   | Ooka et al.     | 395   | 141          |                           |
|                      | 18 | 5,510,995          | 04/23/96   | Oliver          | 364   | 474.24       |                           |
|                      | 19 | 5,497,451          | 03/05/96   | Holmes          | 395   | 120          |                           |
|                      | 20 | 5,481,659          | 01/02/96   | Nosaka et al.   | 395   | 123          |                           |
|                      | 21 | 5,473,742          | 12-5-95    | Polyakov et al. | 395   | 142          |                           |
|                      | 22 | 5,459,821          | 10/17/95   | Kuriyama et al. | 395   | 120          |                           |
|                      | 23 | 5,299,302          | 03/29/94   | Fiasconaro      | 395   | 142          |                           |
|                      | 24 | 5,257,203          | 10/26/93   | Riley et al.    | 364   | 474.05       |                           |
|                      | 25 | 5,251,160          | 10/05/93   | Rockwood et al. | 364   | 578          |                           |
|                      | 26 | 5,185,855          | 02/09/93   | Kato et al.     | 395   | 129          |                           |
|                      | 27 | 5,123,087          | 06/16/92   | Newell et al.   | 395   | 155          |                           |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|  |                              |                                |
|--|------------------------------|--------------------------------|
| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|  | APPLICANT<br>ROCKWOOD et al. |                                |
|  | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

|  |    |           |          |           |     |     |  |
|--|----|-----------|----------|-----------|-----|-----|--|
|  | 28 | 4,821,214 | 04/11/89 | Sederberg | 364 | 522 |  |
|  | 29 | 4,625,289 | 11/25/86 | Rockwood  | 364 | 522 |  |
|  |    |           |          |           |     |     |  |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

|    |  |
|----|--|
| 30 | Adi Levin, "Interpolating Nets of Curves by Smooth Subdivision Surfaces", <i>SIGGRAPH 99, Los Angeles, California</i> , August 8-13, 1999, pp. 57-64   |
| 31 | James et al., "Accurate Real Time Deformable Objects", <i>SIGGRAPH 99, Los Angeles, California</i> , August 8-13, 1999, pp. 65-72  |
| 32 | Markosian et al., "Skin: A Constructive Approach to Modeling Free-form Shapes", <i>SIGGRAPH 99, Los Angeles, California</i> , August 8-13 1999, pp. 393-400  |
| 33 | Igarashi et al., "Teddy: A Sketching Interface for 3D Freeform Design", <i>SIGGRAPH 99, Los Angeles, California</i> , August 8-13, 1999, pp. 409-416   |
| 34 | Stam, "Exact Evaluation of Catmull-Clark Subdivision Surfaces at Arbitrary Parameter Values", <i>SIGGRAPH 98, Orlando, Florida</i> , July 19-24, 1998, pp. 395-404   |
| 35 | Singh et al., "Wires: A Geometric Deformation Technique", <i>SIGGRAPH 98, Orlando, Florida</i> , July 19-24, 1998, pp. 405-414   |
| 36 | Amenta et al., "A New Voronoi-Based Surface Reconstruction Algorithm", <i>SIGGRAPH 98, Orlando, Florida</i> , July 19-24, 1998, pp. 415-421  |
| 37 | Sederberg et al., "Non-Uniform Recursive Subdivision Surfaces", <i>SIGGRAPH 98, Orlando, Florida</i> , July 19-24, 1998, pp. 387-394   |
| 38 | Weiss, "BE VISION, A Package of IBM 7090 FORTRAN Programs to Draw Orthographic Views of Combinations of Plane and Quadric Surfaces", <i>Bell Telephone Laboratories, Inc., Murray Hill, New Jersey</i> , April 1996, pp. 194-204   |
| 39 | Barghiel et al., "Pasting Spline Surfaces", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <i>Vanderbilt University Press</i> 1995, pp. 31-40, ISBN 8265-1268-2  |
| 40 | Brunnett et al., "Spline elements on Spheres" from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <i>Vanderbilt University Press</i> 1995, pp. 49-54, ISBN 8265-1268-2  |
| 41 | M.D. Buhmann et al., "Spectral Properties and Knot Removal for Interpolation by Pure Radial Sums", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <i>Vanderbilt University Press</i> 1995, pp. 55-62, ISBN 8265-1268-2 |
| 42 | Ma et al., "NURBS Curve and Surface Fitting and Interpolation", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <i>Vanderbilt University Press</i> 1995, pp. 315-322, ISBN 8265-1268-2                                  |
| 43 | W.L.F. Degen, "High Accuracy Approximation of Parametric Curves", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <i>Vanderbilt University Press</i> 1995, pp. 83-98, ISBN 8265-1268-2                                  |
| 44 | Lodha et al, "Duality between Degree Elevation and Differentiation of B-bases and L-bases", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <i>Vanderbilt University Press</i> 1995, pp. 305-314, ISBN 8265-1268-2      |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|   |                              |                                |
|---|------------------------------|--------------------------------|
| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|   | APPLICANT<br>ROCKWOOD et al. |                                |
|   | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

|    |   |
|----|---|
| 45 | Dyn et al., "Piecewise Uniform Subdivision Schemes", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 111-119, ISBN 8265-1268-2                                  |
| 46 | Ellens et al., "An Approach to $C^{(1)}$ and $C^{(0)}$ Feature Lines", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 121-132, ISBN 8265-1268-2                |
| 47 | G. Farin, "The Geometry of $C^1$ Projective curves and Surfaces", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 133-139, ISBN 8265-1268-2                     |
| 48 | M.S. Floater, "Rational Cubic Implicitization", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 151-159, ISBN 8265-1268-2                                       |
| 49 | Baining Guo, "Avoiding Topological Anomalies in Quadric Surface Patches", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 177-186, ISBN 8265-1268-2             |
| 50 | Jan Hadenfeld, "Local Energy Fairing of B-Spline Surfaces", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 203-212, ISBN 8265-1268-2                           |
| 51 | Hermann et al., "Techniques for Variable Radius Rolling Ball Blends", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 225-236, ISBN 8265-1268-2                 |
| 52 | Hoschek et al., "Interpolation and Approximation with Developable B-Spline Surfaces", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 255-264, ISBN 8265-1268-2 |
| 53 | Leif Kobbelt, "Interpolatory Refinement as a Low Pass Filter", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 281-290, ISBN 8265-1268-2                        |
| 54 | Kolb et al., "Surface Reconstruction Based Upon Minimum Norm Networks", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 293-304, ISBN 8265-1268-2               |
| 55 | Stephen Mann, "Using Local Optimization in Surface Fitting", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 323-332, ISBN 8265-1268-2                          |
| 56 | Manni et al., " $C^1$ Comonotone Hermite Interpolation via Parametric Surfaces", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 333-342, ISBN 8265-1268-2      |
| 57 | A. Markus et al., "Genetic Algorithms in Free Form Curve Design", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 43-354, ISBN 8265-1268-2                      |
| 58 | Even Mehlum, "Appeal and the Apple (Nonlinear Splines in Space)", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 365-384, ISBN 8265-1268-2                     |
| 59 | Helmut Pottmann, "Studying NURBS curves and Surfaces with Classical Geometry", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 413-438, ISBN 8265-1268-2        |
| 60 | R. Schaback, "Creating Surfaces from Scattered Data Using Radial Basis Functions", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 477-496, ISBN 8265-1268-2    |
| 61 | Sederberg, "Shape Blending of 2-D Piecewise Curves", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 497-506, ISBN 8265-1268-2                                  |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|   |                              |                                |
|---|------------------------------|--------------------------------|
| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|   | APPLICANT<br>ROCKWOOD et al. |                                |
|   | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

|    |  |
|----|--|
| 62 | Weller et al., "Tensor-Product Spline Spaces with Knot Segments", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 563-572, ISBN 8265-1268-2                    |
| 63 | Kenji Ueda, "Normalized Cyclide Bezier Patches", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 507-516, ISBN 8265-1268-2                                     |
| 64 | Varady et al., "Vertex Blending Based on the Setback Split", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 527-542, ISBN 8265-1268-2                         |
| 65 | J. Warren, "Binary Subdivision Schemes for Functions over Irregular Know Sequences", from <u>Mathematical Methods for Curves and Surfaces</u> , Editors: Lyche and Schumaker, copyright <u>Vanderbilt University Press</u> 1995, pp. 543-562, ISBN 8265-1268-2 |
| 66 | T.D. DeRose, "Applications of Multiresolution Surfaces", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 1-15   |
| 67 | G. Albrecht, "A geometrical design handle for rational triangular Bezier patches", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 161-171  |
| 68 | A. Nasri, "Interpolation of open B-spline curves by recursive subdivision surfaces", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 173-188  |
| 69 | Ives-Smith et al., "Methods of surface airing of spline surfaces within shipbuilding", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 209-221  |
| 70 | Rausch et al. "Computation of medial curves on surfaces", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 43-68   |
| 71 | M.J. Pratt, "Classification and characterization of supercyclides", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 25-41   |
| 72 | A.A. Ball, "CAD: master or servant of engineering?", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 17-33  |
| 73 | Bloor et al., "The PDE method in geometric and functional design", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 281-307  |
| 74 | Pottmann et al., "Principal surfaces", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 337-362  |
| 75 | Froumentin et al., "Quadric surfaces: a survey with new results", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 363-381   |
| 76 | Liu et al., "Shape control and modification of rational cubic B-spline curves", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 383-391   |
| 77 | Hall et al., "Shape modification of Gregory patches", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 393-408   |
| 78 | Peters et al., "Smooth blending of basic surfaces using trivariate box splines", <u>The Mathematics of Surfaces VII</u> , Editors: Goodman and Martin, <i>Information Geometers</i> , 1997, pp. 409-426  |
| 79 | R.E. Barnhill, "Computer Aided Surface Representation and Design", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 1-24   |
| 80 | John A. Gregory, "C <sup>1</sup> Rectangular and Non-Rectangular Surface Patches, <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 25-33   |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|   |  |                              |                                |
|---|--|------------------------------|--------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  | APPLICANT<br>ROCKWOOD et al. |                                |
|   |  | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

|    |   |
|----|---|
| 81 | Gerald Farin, "Smooth Interpolation to Scattered 3D Data", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 43-62   |
| 82 | Juergen Kahnmann, "Continuity of Curvature Between Adjacent Bezier Patches", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 65-75                       |
| 83 | Wolfgang Boehm, "Generating the Bezier Points of Triangular Splines", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 77-91                              |
| 84 | Frank F. Little, "Convex Combination Surfaces", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, pp.99-107  |
| 85 | Wolfgang Boehm, "The De Boor Algorithm for Triangular Splines", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 109-120                                  |
| 86 | Josef Hoschek, "Dual Bezier Curves and Surfaces", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 147-156  |
| 87 | Dahmen et al., "Multivariate Splines - A New Constrictive Approach", <u>Surfaces In Computer Aided Geometric Design</u> , North-Holland Publishing, 1983, pp. 191-215                             |
| 88 | Atteia et al., "Spline elastic Manifolds", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 45-50   |
| 89 | Barry et al., "What is the Natural Generalization of a Bezier Curve?", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 71-85             |
| 90 | Billera et al., "Grobner Basis Methods for Multivariate Splines", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 93-104                 |
| 91 | Cavaretta et al., "The Design of Curves and Surfaces by Subdivision Algorithms", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 115-153 |
| 92 | Wolfgang Dahmen, "Smooth Piecewise quadric Surfaces", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 181-193                            |
| 93 | Gerald Farin, "Rational Curves and Surfaces", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 215-238                                    |
| 94 | Klaus Hollig, "Box-Spline Surfaces", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 385-402   |
| 95 | R.A. Lorentz, "Uniform bivariate Hermite Interpolation", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 435-444                         |
| 96 | Malcolm Sabin, "Open Questions in the Application of Multivariate B-splines", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 529-537    |
| 97 | H-P Seidel, "A General Subdivision Theorem for Bezier Triangles", <u>Mathematical Methods in Computer Aided Geometric Design</u> , Editors: Lynch and Schumaker, 1989, pp. 573-581                |
| 98 | Kadi et al., "Conformal maps defined about polynomial curves", <u>Computer Aided Geometric Design</u> , Publisher: Elsevier Science B.V., 1998, pp. 323-337                                       |
| 99 | Wallner et al., "Spline Orbifolds", <u>Proceedings of Chamenix</u> , Vanderbilt University Press, 1996, pp. 1-20  |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |



|   |  |                              |                                |
|---|--|------------------------------|--------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  | APPLICANT<br>ROCKWOOD et al. |                                |
|   |  | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

|     |  |
|-----|--|
| 100 | A. Nasri, "Curve interpolation in recursively generated B-spline surfaces over arbitrary topology", <i>Computer Aided Geometric Design</i> , Publisher: Elsevier Science B.V., 1997, pp. 15-30   |
| 101 | Adi Levin, "Filling an N-sided hole using combined subdivision schemes", <i>Tel Aviv University</i> , 1999, pp.1-8   |
| 102 | Ramon F. Sarraga, "A Variation Method for Fitting a C <sup>1</sup> Surface to Scattered Data Triangulated in R <sup>3</sup> With Arbitrary Topology", <i>General Motors Corporation Research and Development Center</i> , 1998, pp. 1-36 |
| 103 | Wolfgang Boehm, "Smooth Curves and Surfaces", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 175-184  |
| 104 | R.E. Barnhill, "Surfaces in Computer Aided Geometric Design: A survey with new results", <i>Surfaces in CAGD '84</i> , Elsevier Science Publishers B.V. (North-Holland), 1984, pp. 1-17  |
| 105 | Thomas W. Sederberg, "surface patches", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 53-59   |
| 106 | Hartmut Prautzsch, "Generalized subdivision and convergence", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 69-75   |
| 107 | Richard Franke, "Thin plate splines with tension", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 87-95  |
| 108 | Josef Hoschek, "Smoothing of curves and surfaces", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 97-105   |
| 109 | T. Lyche et al., "Knot line refinement algorithms for tensor product B-spline surfaces", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 133-139                                  |
| 110 | Wolfgang Boehm, "On the efficiency of knot insertion algorithms", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 141-143   |
| 111 | Laszlo Piegli, "Representation of quadric primitives by rational polynomials", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 151-155  |
| 112 | M.J. Pratt, "Smooth parametric surface approximations to discrete data", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 165-171  |
| 113 | Houghton et al., "Implementation of a divide-and-conquer method for intersection of parametric surfaces", <i>Computer Aided Geometric Design 2</i> , Elsevier Science Publishers B.V. (North-Holland), 1985, pp. 173-183                 |
| 114 | Hans Hagen, "Geometric spline curves", <i>Computer Aided Geometric Design 2</i> , 1985, pp. 223-227  |
| 115 | Lorensen et al., "Marching Cubes: A High Resolution 3D Surface Construction Algorithm", <i>Computer Graphics, Volume 21, No. 4</i> , 1987, pp. 163-169   |
| 116 | Vaughan Pratt, "Direct Least-Squares Fitting of Algebraic Surfaces", <i>Computer Graphics, Volume 21, No. 4</i> , 1987, pp. 145-152  |
| 117 | Barry Joe, "Discrete Beta-Aplines", <i>Computer Graphics, Volume 21, No. 4</i> , 1987, pp. 137-144   |
| 118 | Crocker et al., "Boundary Evaluation of Non-Convex Primitives to Produce parametric Trimmed Surfaces", <i>Computer Graphics, Volume 21, No. 4</i> , 1987, pp. 129-136  |
| 119 | Sciaroff et al., "Generalized Implicit Functions for Computer Graphics", <i>Computer Graphics, Volume 25, No. 4</i> , 1991, pp. 247-250  |
| 120 | Bloomenthal et al., "Convolution Surfaces", <i>Computer Graphics, Volume 25, No. 4</i> , 1991, pp. 251-256   |
| 121 | Celniker et al., "Deformable Curve and Surface Finite-Elements for Free-Form Shape Design", <i>Computer Graphics, Volume 25, No. 4</i> , 1991, pp. 257-266   |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|   |  |                              |                                |
|---|--|------------------------------|--------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|   |  | APPLICANT<br>ROCKWOOD et al. |                                |
|   |  | FILING DATE<br>Herewith      | GROUP ART<br>2671              |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  |                              |                                |

|     |   |
|-----|---|
| 122 | Loop et al., "Generalized B-spline Surfaces of Arbitrary Topology", <i>Computer Graphics, Volume 24, No. 4</i> , 1990, pp. 347-356  |
| 123 | Pedersen et al., "Displacement Mapping Using Flow Fields", <i>Computer Graphics Proceedings, (SIGGRAPH '94)</i> , 1994, pp. 279-286   |
| 124 | Barry et al., "A Recursive Evaluation Algorithm for a Class of Catmull-Rom Splines", <i>Computer Graphics, (SIGGRAPH '88)</i> , Volume 22, No. 4, 1988, pp. 199-204   |
| 125 | Forsey et al., "Hierarchical B-Spline Refinement", <i>Computer Graphics, (SIGGRAPH '88)</i> , Volume 22, No. 4, 1988, pp. 205-212   |
| 126 | Ivars Peterson., "Twists Through Space", <i>Science News, Volume 154</i> , 1998, p. 143   |
| 127 | Bloomenthal et al., "Introduction to Implicit Surfaces, Chapter 3 -- Implicit Surface Patches", pp. 99-125, 1997  |
| 128 | Bloomenthal et al., "Introduction to Implicit Surfaces, Chapter 6 -- Blending", pp. 197-221, 1997   |
| 129 | Bloomenthal et al., "Introduction to Implicit Surfaces, Chapter 7 -- Convolution of Skeletons", pp. 223-241, 1997   |
| 130 | Bloomenthal et al., "Introduction to Implicit Surfaces, Chapter 9 -- Implicit Surfaces in Physically Based Animation", pp. 271-293, 1997  |
| 131 | Sarraga et al., "Free-Form Surfaces in GMSOLID: Goals and Issues", <i>Solid Modeling by Computers</i> , Symposium Sponsored by the General Motors Research Laboratories, pp. 187-209, 1984  |
| 132 | Fumihiko Kimura, "Design Methods of Free-Form Surfaces and Their Integration into the Solid Modeling Package Geomap-III", <i>Solid Modeling by Computers</i> , Symposium sponsored by the General Motors Research Laboratories, pp. 211-236, 1984 |
| 133 | Alyn P. Rockwood, "Introduction Sculptured Surfaces into a Geometric Modeler", <i>Solid Modeling by Computers</i> , Symposium sponsored by the General Motors Research Laboratories, pp. 237-258, 1984  |
| 134 | Ocken et al., "Precise Implementation of Cad Primitives Using Rational parameterizations of Standard Surfaces", <i>Solid Modeling by Computers</i> , Symposium sponsored by the General Motors Research Laboratories, pp. 259-273, 1984           |
| 135 | A. Goshtasby, "Fitting Parametric Curves to Engineering Data", <i>Wright State University</i> , pp. 1-13  |
| 136 | DeBoor et al., "B-Splines Without Divided Differences", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 21-27, 1987   |
| 137 | Thomas W. Sederberg, "Algebraic Geometry for Surface and Solid Modeling", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 29-42, 1987   |
| 138 | Ronald N. Goldman, "The Role of Surfaces in Solid Modeling", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 69-90, 1987  |
| 139 | David A. Field, "Mathematical Problems in Solid Modeling: A brief Survey", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 91-107, 1987   |
| 140 | Lichten et al., "Integrating Sculptured Surfaces into a Polyhedral Solid Modeling System", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 109-122, 1987  |
| 141 | Carl De Boor, "B-Form Basics", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 131-148, 1987  |
| 142 | Alan K. Jones, "Shape Control of Curves and Surfaces through Constrained Optimization", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 265-279, 1987   |
| 143 | Rida T. Farouki, "Direct Surface Section Evaluation", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 319-334, 1987   |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|   |  |                              |                                |
|---|--|------------------------------|--------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|   |  | APPLICANT<br>ROCKWOOD et al. |                                |
|   |  | FILING DATE<br>herewith      | GROUP ART<br>2671              |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  |                              |                                |

|     |  |
|-----|--|
| 144 | Owen et. al., "Intersection of General Implicit Surfaces", <i>Geometric Modeling: Algorithms and New Trends</i> , Editor: Farin, pp. 335-345, 1987                         |
| 145 | Vaughan Pratt, "Techniques for conic Splines", <i>SIGGRAPH '85, Volume 19, No. 3</i> , pp. 151-159   |
| 146 | Middleditch et al., "Blend Surfaces for set Theoretic Volume Modeling Systems", <i>SIGGRAPH '85, Volume 19, No. 3</i> , pp. 161-170  |
| 147 | Daniel L. Toth, "On Ray tracing Parametric Surfaces", <i>SIGGRAPH '85, No. 19, Vol. 3</i> , pp. 171-179  |
| 148 | Sederberg et al., "2-D Shape Blending: An Intrinsic Solution to the Vertex Path Problem", <i>Computer Graphics Proceedings, Annual Conference Series</i> , 1993, pp. 15-18 |
| 149 | Halstead et al., "Efficient, Fair Interpolation using Catmull-Clark Surfaces", <i>Computer Graphics Proceedings, Annual Conference Series</i> , 1993, pp. 35-44            |
| 150 | Hoppe et al., "Surface Reconstruction from Unorganized Points", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 71-78   |
| 151 | Bajaj et al., "Smoothing Polyhedra using Implicit Algebraic Splines", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 79-88   |
| 152 | Ferguson et al., "Topological Design of Sculptured Surfaces", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 149-156   |
| 153 | Welch et al., "Variational Surface Modeling", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 157-166   |
| 154 | Moreton et. al., "Functional Optimization for Fair Surface Design", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 167-176   |
| 155 | Hsu et al., "Direct Manipulation of Free-Form Deformations", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 177-184  |
| 156 | Szeliski et al., "Surface Modeling with Oriented Particle Systmes", <i>Computer Graphics, Vol. 26, No. 2</i> , 1992, pp. 185-194   |
| 157 | Chang et al., "Rendering Cubic Curves and Surfaces with Integer Adaptive Forward Differencing", <i>Computer Graphics, Volume 23, No. 3</i> , 1989, pp. 157-166             |
| 158 | Bartels et al., "Curve-to-Curve Associations in Spline-Based Inbetweening and Sweeping", <i>Computer Graphics, Volume 23, No. 3</i> , 1989, pp. 167-174                    |
| 159 | MacCracken et al., "Free-Form Deformations with Lattices of Arbitrary Topology", <i>Computer Graphics Proceedings, Annual Conference Series 1996</i> , 1996, pp. 181-188   |
| 160 | Zorin et al., "Interpolating Subdivision for Meshes with Arbitrary Topology", <i>Computer Graphics Proceedings, Annual Conference Series 1996</i> , 1996, pp. 189-192      |
| 161 | Amburn et al., "Managing Geometric Complexity with Enhanced Procedural Models", <i>Computer Graphics Proceedings, (SIGGRAPH '86), Volume 20, No. 4</i> , 1986, pp. 189-195 |
| 162 | Witkin et al., "Using Particles to Sample and Control Implicit Surfaces", <i>Computer Graphics Proceedings, (SIGGRAPH '94)</i> , 1994, pp. 269-277                         |
| 163 | Hoppe et al., "Piecewise Smooth Surface Reconstruction", <i>Computer Graphics Proceedings, (SIGGRAPH '94)</i> , 1994, pp. 295-302  |
| 164 | Charles Loop, "Smooth Spline Surfaces over Irregular Meshes", <i>Computer Graphics Proceedings, (SIGGRAPH '94)</i> , 1994, pp. 303-310                                     |
| 165 | Rockwood et al., "Real-Time Rendering of Trimmed surfaces", <i>Computer Graphics, (SIGGRAPH '89), Volume 23, No. 3</i> , 1989, pp. 107-116                                 |
| 166 | Sederberg et al. "Scan Line Display of Algebraic Surfaces", <i>Computer Graphics, (SIGGRAPH '89), Volume 23, No. 3</i> , 1989, pp. 147-156                                 |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

|  |                              |                                |
|--|------------------------------|--------------------------------|
| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>3404-2-1 | SERIAL NO.<br>Not Yet Assigned |
|  | APPLICANT<br>ROCKWOOD et al. |                                |
|  | FILING DATE<br>Herewith      | GROUP ART<br>2671              |

|     |  |
|-----|--|
| 167 | Desbrun et al., "Animating Soft Substances with Implicit Surfaces", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 287-290                                       |
| 168 | Sederberg et al., "Implicitization using Moving Curves and Surfaces", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 301-308                                     |
| 169 | Bloomenthal et al., "Polygonization of Non-manifold Implicit Surfaces", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 309-316                                   |
| 170 | Gabriel Taubin, "A Signal Processing Approach to Fair Surface Design", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 351-358                                    |
| 171 | Grimm et al., "Modeling Surfaces of Arbitrary Topology using Manifolds", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 359-368                                  |
| 172 | Kim et al., "A General Construction Scheme of Unit Quaternion curves with Simple High Order Derivatives", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 369-376 |
| 173 | Blanc et al., "X-Splines: A Spline Model Designed for the End-User", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '95), 1995, pp. 377-386                                      |
| 174 | Michael Shantz et al., "Rendering Trimmed NURBS with Adaptive Forward Differencing", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '88), 1988, pp. 189-198                      |
| 175 | Welch et al., "Free-Form Shape Design Using Triangulated Surfaces", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '94), 1994, pp. 247-256                                       |
| 176 | Change et al., "A Generalized de Casteljau Approach to 3D Free-form Deformation", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '94), 1994, pp. 257-260                         |
| 177 | Finkelstein et al., "Multiresolution Curves", <i>Computer Graphics Proceedings</i> , (SIGGRAPH '94), 1994, pp. 261-268   |
| 178 | Peterson, August 29, 1998, <i>Science News</i> , "Twists through Space", Vol. 154, pg. 143   |
| 179 | Shook et al., "Relational Geometry and Solids"; <i>AeroHydro, Inc.</i> ; November 1994; pgs. 1-15  |
| 180 | Farin et al., "Discrete Coons Patches"; <i>Computer Aided Geometric Design</i> 16; November 1999, pgs. 691-700   |
| 181 | Letcher et al., "NURBS Considered Harmful For Gridding (Alternative Offered); <i>AeroHydro, Inc.</i> ; January 1996, pgs. 1-9  |
| 182 | DeCarlo et al., "Blended Deformable Models"; <i>IEEE Trans.: Pattern Analysis and Machine Intelligence</i> ; April 1996, 18(4); pgs. 1-15  |
| 183 | Durham et al.; U.S. Patent Application Serial No. 09/360,029 filed July 23, 1999 Entitled "GEOMETRIC DESIGN AND MODELING SYSTEM USING CONTROL GEOMETRY"                            |
|     |  |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |